

PG&E Letter DCL-2009-511

Certified Return Receipt # 7007-2680-0000-5565-3981
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February 25, 2009

Air Pollution Control District (APCD)
County of San Luis Obispo
3433 Roberto Court
San Luis Obispo, CA 93401-7126

Attention: Dean Carlson

Diablo Canyon Power Plant (DCPP) and Diablo Canyon Power Plant Emergency Operations Facility (DCPP EOF) Facility Emissions and Throughput Data for Inventory Year 2008 (Annual Air Emissions Report) and Associated Facility Reporting Requirements

In response to APCD letters dated January 28, 2009 requesting emissions data for DCPP and the DCPP EOF, DCPP is submitting the Facility Emissions and Throughput Data Report for Inventory Year 2008 (Enclosure 1). Requested emissions data for both facilities have been incorporated into a single report using APCD Forms 1, 2, 3, 4 and 32, or equivalent facility generated forms. Additionally, monthly operating logs for stationary emergency diesel engines, facility gasoline dispensing data, and diesel fuel use information for portable emissions units operated in accordance with APCD Permit-to-Operate (PTO) 1065-5 are provided.

If you have any questions or concerns regarding the enclosed report, or require additional information, please contact Tom Esser of my staff at (805) 545-3326.

Sincerely,

James Welsch
Director – Operations Services

2009511/twe/bkc

Enclosure

PG&E Letter DCL 2009-511
Air Pollution Control District (APCD)
February 25, 2009
Page 2

bcc w/enclosure:	BKCunningham *	(104/5/534)
	TWEsser	(104/5/3B)
	BCHinds *	(104/5/517)
	Environmental Central Library *	(104/5/1A-B)

* Note: Route one hardcopy with distribution as follows:
BCHinds, BKCunningham, Environmental Central Library (Final)

S:\enveng\correspondence\outgoing\2009 doc\2009 complete\DCL2009511

Supporting electronic data filed @:

S:\ENVENG\CATEGORIES by Media\Air\AAER\2008 AAER\
Enclosure-1 APCD Forms (1-2-4-32) & Supporting Information 2008.doc
Portable Unit Emissions Information PTO 1065-5 2008.doc
BP Diesel Heat of Combustion Calculator 2009.xls
Industrial Paint & Solvent VOC Emissions APCD Form-3 2008.doc
Waste Disposal DCPP (Solvent and Paint) 2008.xls

PG&E Letter DCL-2009-511
Air Pollution Control District (APCD)
February 25, 2009

ENCLOSURE 1

**2008 AIR EMISSION INVENTORY REPORT
FOR DIABLO CANYON POWER PLANT**

Data Certification, APCD Form-1, DCPD

Data Certification, APCD Form-1, DCPD EOF

Emissions Inventory Information - Fuel Combustion (Stationary Devices), APCD Form-2

Emissions Inventory Information - Stand-By/Backup Generators, APCD Form-32 (2-Pages)

Supporting Data for Facility Diesel Fuel Oil Sulfur Content and Heat Value (11-Pages)
Including - Calendar Year Operating Logs for Stationary Emergency Diesel Engines

Emissions Inventory Information - Permitted Diesel-Fired Portable Units

Emissions Inventory Information - Gasoline Dispensing Facilities

Emissions Inventory Information - Other Solvents and Organic Compound Sources, APCD Form-4

Emissions Inventory Information - Industrial Paint and Solvent Use, APCD Form-3 (2-Pages)
Including - Facility Disposal Records for Paint and Solvent Related Wastes



DATA CERTIFICATION FORM

For Inventory Year - 2008

Please fill in all space and retain a copy for your records. Completed forms may be faxed. Print your name and sign this form in the spaces provided. Submit completed forms by due date to avoid fines or penalties.

A. Please print clearly.

Company Name	Pacific Gas & Electric Company, Diablo Canyon Power Plant (DCPP)		
Contact Name	Bryan K. Cunningham	Title	Supervisor, Environmental Operations
Mailing Address	P.O. Box 56 104/5/534		
City, State ZIP	Avila Beach, CA 93424		
Contact Phone	(805) 545-4439	Fax	(805) 545-3459
Equipment Address	9 Miles Northwest of Avila Beach		
City, State ZIP	Avila Beach, CA 93424		
Facility ID (see cover letter)	74		
Type of Business	Electric Power Generation		

B. Is trade secret data included?

Yes [] No [X]

If yes, attach explanation.

C. Are there any **NEW** sources of criteria pollutants: oxides of nitrogen, oxides of sulfur, particulate matter, volatile organic compounds (VOCs)?

Yes [X] No []

If yes, describe in box below.

D. Are there any emission sources no longer in service?

Yes [] No [X]

If yes, write permit number in box below.

Remarks:

Added one new portable emission unit.

- Portable Diesel-Fueled Electric Generator, MQ Power Model DCA-45US12, Permit 1065-5.

Under California Health and Safety Code sections 40701 and 42303, the District has the right to request data needed to estimate pollutant emissions. Consequently, you are obligated to provide all requested data by the due date. This data is also requested under the authority of the Air Toxics Hot Spots program. The data may be used to determine permit renewal fees. Failure to provide complete data by the due date may result in fines or penalties.

I, James Welsch (Clearly Print Name), certify that the data provided above and in all the attachments is complete and accurate to the best of my knowledge.

Signature: _____ Date: _____

Electronic copies of emission inventory forms are located on our WEB site.

eng001
Revised 01/16/07



DATA CERTIFICATION FORM

For Inventory Year - 2008

Please fill in all space and retain a copy for your records. Completed forms may be faxed. Print your name and sign this form in the spaces provided. Submit completed forms by due date to avoid fines or penalties.

B. Please print clearly.

Company Name	Pacific Gas & Electric Company, Diablo Canyon Power Plant Emergency Operations Facility (DCPP EOF)		
Contact Name	Thomas W. Esser	Title	Environmental Coordinator
Mailing Address	P.O. Box 56 104/5/3B		
City, State ZIP	Avila Beach, CA 93424		
Contact Phone	(805) 545-3326	Fax	(805) 545-3459
Equipment Address	1525 Kansas Avenue		
City, State ZIP	San Luis Obispo, CA 93405		
Facility ID (see cover letter)	2321		
Type of Business	Electric Power Generation		

B. Is trade secret data included?

Yes [] No [X]

If yes, attach explanation.

E. Are there any **NEW** sources of criteria pollutants: oxides of nitrogen, oxides of sulfur, particulate matter, volatile organic compounds (VOCs)?

Yes [] No [X]

If yes, describe in box below.

F. Are there any emission sources no longer in service?

Yes [] No [X]

If yes, write permit number in box below.

Remarks:

Under California Health and Safety Code sections 40701 and 42303, the District has the right to request data needed to estimate pollutant emissions. Consequently, you are obligated to provide all requested data by the due date. This data is also requested under the authority of the Air Toxics Hot Spots program. The data may be used to determine permit renewal fees. Failure to provide complete data by the due date may result in fines or penalties.

I, James Welsch (Clearly Print Name), certify that the data provided above and in all the attachments is complete and accurate to the best of my knowledge.

Signature: _____ Date: _____

Electronic copies of emission inventory forms are located on our WEB site.

eng001
Revised 01/16/07



EMISSIONS INVENTORY INFORMATION

For Inventory Year – 2008

FUEL COMBUSTION

Company Name Pacific Gas & Electric Company, Diablo Canyon Power Plant (DCPP) Contact Initials TWE

Use this form to report all stationary combustion devices. Do not report stand-by or backup generators on this form. List each item separately, unless identical. **Do not include mobile equipment** such as loaders or trucks. Please fill in all spaces and include supporting data where requested. Retain a copy for your records.

Device No.	Device Description	Equipment Rating ⁽¹⁾	Fuel Type ^(2,3)	Annual Fuel Used	Unit of Measure ⁽⁴⁾	Yearly Hour Use (7)	Heat Content (Btu/unit volume ⁽⁴⁾)	Sulfur Content ⁽⁵⁾	Unit of Measure ⁽⁶⁾
DA-18	Auxiliary Boiler 0-2	\$1.816 mm BTU/hour	CARB No. 2 ULS Diesel Fuel	0	Gallons	0	136,856 BTU/gallon	0.015	Weight %

- (1) For boilers, heaters, kilns, flares, and related equipment give the design heat input (mm BTU/hr). For internal combustion engines, specify horsepower (hp).
 (2) Examples: natural gas, fuel gas, landfill gas, diesel fuel, fuel oil. If fuel oil is burned, specify grade (example: fuel oil No. 2).
 (3) If a device burns more than one fuel, use a separate line for each fuel.
 (4) Include units of measure (therms, mcf, mmcf, gal, mgal, bbl, or mbbl). **Be sure that your units of measure are correct!**
 (5) **This form is incomplete without an accompanying, recent analysis of the sulfur content.** Omit for natural (utility) gas-fired sources.
 (6) Express sulfur content in gr/dscf or lb/mmcf for gasses and weight %/vol for liquids.
 (7) The total number of hours the unit has been run for the current year.



EMISSIONS INVENTORY INFORMATION

For Inventory Year – 2008

STAND-BY/BACKUP GENERATORS

Company Name Pacific Gas & Electric Company, Diablo Canyon Power Plant (DCPP)

Contact Initials TWE

Use this form to report all Stand-By and Backup Generators. List each device separately. Please fill in all spaces and include supporting data where requested. Retain a copy for your records.

Please also include a copy of the operating log for calendar year 2008 as required by your Permit to Operate.

Device No.	Device Description	Equipment Rating ⁽¹⁾	Fuel Type ^(2,3)	Annual Fuel Use	Unit of Measure ⁽⁴⁾	Yearly Hour Use ⁽⁵⁾	Maintenance Hours ⁽⁶⁾	Meter Reading ⁽⁷⁾
DA-1	Emergency Diesel Generator 1-1	3,630 horsepower	CARB No. 2 ULS Diesel Fuel	6,088	Gallons	39.1	39.1	2434.0
DA-2	Emergency Diesel Generator 1-2	3,630 horsepower	CARB No. 2 ULS Diesel Fuel	8,969	Gallons	57.6	57.6	2622.0
DA-3	Emergency Diesel Generator 1-3	3,630 horsepower	CARB No. 2 ULS Diesel Fuel	4,952	Gallons	31.8	31.8	2487.8
DA-4	Emergency Diesel Generator 2-1	3,630 horsepower	CARB No. 2 ULS Diesel Fuel	10,666	Gallons	68.5	68.5	1801.2
DA-5	Emergency Diesel Generator 2-2	3,630 horsepower	CARB No. 2 ULS Diesel Fuel	12,784	Gallons	82.1	82.1	2018.4
DA-25	Emergency Diesel Generator 2-3	3,630 horsepower	CARB No. 2 ULS Diesel Fuel	12,519	Gallons	80.4	80.4	1393.6
DA-6	Security Diesel Generator	449 horsepower	CARB No. 2 ULS Diesel Fuel	687.3	Gallons	61	61	893

- (1) For internal combustion engines, specify horsepower (hp) or design heat input (mm BTU/hr).
- (2) Examples: natural gas, propane gas, diesel fuel, fuel oil. If fuel oil is burned, specify grade (example: fuel oil No. 2).
- (3) If a device burns more than one fuel, use a separate line for each fuel.
- (4) Include units of measure (therms, mcf, mmcf, gal, mgal, bbl, or mbbbl). **Be sure that your units of measure are correct!!!**
- (5) The total number of hours the unit has been run for the current calendar year.
- (6) The number of hours the device has been used for maintenance.
- (7) The end of year hour meter reading from the device.



EMISSIONS INVENTORY INFORMATION

For Inventory Year – 2008

STAND-BY/BACKUP GENERATORS

Company Name Pacific Gas & Electric Company, Diablo Canyon Power Plant Emergency Operations **Contact Initials** TWE
Facility (DCPP EOF)

Use this form to report all Stand-By and Backup Generators. List each device separately. Please fill in all spaces and include supporting data where requested. Retain a copy for your records.

Please also include a copy of the operating log for calendar year 2008 as required by your Permit to Operate.

Device No.	Device Description	Equipment Rating ⁽¹⁾	Fuel Type ^(2,3)	Annual Fuel Use	Unit of Measure ⁽⁴⁾	Yearly Hour Use ⁽⁵⁾	Maintenance Hours ⁽⁶⁾	Meter Reading ⁽⁷⁾
N/A	Emergency Operations Facility (EOF) Emergency Diesel Generator	162 horsepower	CARB No. 2 ULS Diesel Fuel	48.0	Gallons	24.0	15.2	856.7

- (1) For internal combustion engines, specify horsepower (hp) or design heat input (mm BTU/hr).
- (2) Examples: natural gas, propane gas, diesel fuel, fuel oil. If fuel oil is burned, specify grade (example: fuel oil No. 2).
- (3) If a device burns more than one fuel, use a separate line for each fuel.
- (4) Include units of measure (therms, mcf, mmcf, gal, mgal, bbl, or mbbbl). **Be sure that your units of measure are correct!!!**
- (5) The total number of hours the unit has been run for the current calendar year.
- (6) The number of hours the device has been used for maintenance.
- (7) The end of year hour meter reading from the device.

**AIR POLLUTION CONTROL DISTRICT - SAN LUIS OBISPO COUNTY
EMISSION INVENTORY INFORMATION**

Supporting Data

Diesel Fuel Oil Sulfur Content and BTU Values

2008 Monthly Operating Logs for Permitted Stationary Emergency Diesel Generators

- DCPD Emergency Diesel Generators (DCPD EDGs) and the DCPD Emergency Operations Facility Emergency Diesel Generator (DCPD EOF EDG) are fueled with CARB Ultra Low Sulfur (ULS) diesel fuel oil in accordance with conditions of APCD Permit-To-Operate (PTO) 919-2 and 886-2 to meet the requirements of Title 17 California Code of Regulations (CCR) Section 93115.5. Representative analyses of the fuel burned in the DCPD EDGs during 2008 are attached. These analyses indicate the sulfur content of fuel added to the EDG fuel tanks was less than 0.001%. No fuel was added to the DCPD EOF EDG fuel tank during 2008.

Attached References:

Copy 02/28/2008 Receipt from The Jankovich Company for ULS Red-Dyed CARB Diesel Fuel.
Test Summary Report for DCPD #2 DFO Composite Sample 4/1/2008.
Test Summary Report for DCPD #2 DFO Composite Sample 11/20/2008.

- If operated, the DCPD Auxiliary Boiler would burn CARB ULS diesel fuel. The estimated heat content (BTU) value for the fuel provided on APCD Form-2 was calculated using a Heat of Combustion Calculator (spreadsheet) provided by BP Fuels Global Technology Quality and Technical Service Department.

Attached Reference:

Heat of Combustion Calculator provided by BP Fuels Global Technology Quality and Technical Service Department.

- The DCPD Security Diesel Generator and Facility Diesel-Fired Portable Units burn CARB Ultra Low Sulfur (ULS) clear highway #2 diesel fuel oil supplied by the JB Dewar Company and the Silvas Oil Company. Both vendors supplied receipts indicating that ULS diesel fuel was delivered to DCPD.

Attached References:

Copy 4/2/2008 Receipt from J.B. Dewar Company (ULS Diesel #2).
Copy 7/8/2008 Receipt from Silvas Oil Company (Gasoline and ULS Diesel #2).

- 2008 Operating Logs for Permitted Stationary Emergency Diesel Generators:

2008 Monthly Operating Log for DCPD Emergency Diesel Generators, PTO 919-2
2008 Monthly Operating Log for DCPD Security Emergency Diesel Generator, PTO 919-2
2008 Monthly Operating Log for DCPD EOF Emergency Diesel Generator, PTO 886-2



EMISSIONS INVENTORY INFORMATION

For Inventory Year – 2008

OTHER SOLVENTS AND ORGANIC COMPOUND SOURCES

Company Name Pacific Gas & Electric Company, Diablo Canyon Power Plant (DCPP) Contact Initials TWE

Report emissions from other sources of volatile organic compounds. **Be sure to use the correct units of measure.** Do not use this form for surface coating operations. Please fill in all spaces and retain a copy for your records.

Device ID (optional)	Material Emitted ⁽¹⁾	Description of Process in Which Material is Released	Amount Used Per Year ⁽²⁾	Amount to Waste (per year) ^(2,3)	VOC Content ⁽⁴⁾	Annual VOCs Emitted ⁽⁵⁾ (lb/yr)
			A	B	C	D
Example	Roemsolve	used in plating line to remove oil from raw stock	650 gal	250 gal	7.0 lb/gal	2,800 lb/yr
None (n/a)						
Total VOCs emitted						None (n/a) lb/yr

- (1) List acetone-based solvents and products separately.
 (2) Include appropriate units - tons, gallons, barrels, pounds.
 (3) Includes only offsite disposal or recycling. Include a summary of the materials sent off site including date, vendor, and amount shipped.
 (4) Units must be consistent with (2) and (3)
 (5) Annual VOCs Emitted = (A minus B) quantity times C; example: 650 gal - 250 gal = 400 gal, 400 gal x 7.0 lb/gal = 2,800 lb



**AIR POLLUTION
CONTROL DISTRICT**
COUNTY OF SAN LUIS OBISPO

EMISSIONS INVENTORY INFORMATION

Inventory Year - 2008

GASOLINE DISPENSING FACILITIES

Company Name **Pacific Gas & Electric Company,
Diablo Canyon Power Plant (DCPP)** **Contact Initials** **TWE**

Please fill in all spaces and retain a copy for your records. The data listed below will be used to estimate the community cancer risk under the Air Toxics Hot Spots (ATHS) program.

- A. Enter the total number of gallons of gasoline or methanol/gasoline mix sold or dispensed during the emission year. Do NOT include diesel. If not known, enter the number of gallons of gasoline loaded into your tanks.

_____ **33,020** _____ gallons

- B. Enter the operating hours per day and the number of days per year that your facility is open for gasoline sales.

operating hours per day **24** _____ days per year **365** _____

- C. Type of Phase II vapor control system: vacuum assist [] balance [X] other [] _____

Manufacturer of Phase II vapor control system: **Trusco Tank, Inc. (Supervault)**

- D. Accurately determine the following distances. **This form is incomplete without this information.** If any of the distances requested below are known to be greater than 600 feet, list "> 600."

Distance from the nearest nozzle to:

the closest home, apartment, mobile home, or long-term care facility:

_____ **>600 feet** _____

the closest off-site work site (businesses, motels, schools, offices, and restaurants, and any co-located work site, such as a restaurant or mini-mart, where employees are not direct service station employees):

_____ **>600 feet** _____

EMISSIONS INVENTORY INFORMATION
For Inventory Year 2008
INDUSTRIAL PAINT AND SOLVENT USE

Company Name: Pacific Gas & Electric Company Diablo Canyon Power Plant Contact Initials: TWE

List paints and all solvents used for cleanup and thinning for commercial, industrial, and institutional coating operations and applications. Please list acetone separately. Find the VOC content of the materials from the MSDS or your paint supplier. Calculate emissions. Please fill in each column and retain a copy for your Records. Be sure to use the correct units of measure.

Type of Coating or Thinner	Amount Used (gal/yr)	Amount Recycled (gal/yr)	VOC Content (lb/gal)	VOCs Emitted (lb/yr)	Chromates (yes/no)
ADUREL PROCOATINGS U3300 URETHANE ROOF COATING	2.50	0.25	2.0	4.50	No
AMERLOCK 400 PAINT KIT, GRAY LT 2-PART FAST CURE	21.80	1.25	1.5	30.83	No
AMERON PSX 700 700C0000	88.88	7.71	1.0	81.17	No
AMERON PSX 700 RESIN	3.25	0.50	1.0	2.75	No
AMERON PSX-700 BROWN	0.25	0.00	1.0	0.25	No
AMERON PSX-700 RED	7.19	0.56	1.0	6.63	No
CARBOLINE CARBOGUARD 890N	114.75	7.50	1.7	182.33	No
CARBOLINE #2 SOLVENT	18.92	11.00	7.1	56.24	No
DEVGARD 238 (THINNED)	29.00	3.50	2.07	52.79	No
DEVGUARD 238 ABRASION RESISTANT EPOXY COAT BLACK	6.31	0.38	1.7	10.09	No
DEVGUARD 238 ABRASION RESISTANT EPOXY COATING GRAY	0.50	0.00	1.7	0.85	No
DEVGUARD 238 ABRASION RESISTANT EPOXY COATING HAZE	17.31	2.13	1.7	25.81	No
KEELER & LONG 4500 EPOXY SELF-PRIMING SURFACE ENAMEL HAZE	1.00	0.00	0.6	0.60	No
KEELER & LONG 4500 EPOXY SELF-PRIMING SURFACE ENAMEL PEARL GRAY	0.25	0.00	0.6	0.15	No
KEELER & LONG 4500 EPOXY SELF-PRIMING SURFACE ENAMEL PROFUNDO BLUE (THINNED)	0.10	0.00	2.06	0.21	No
NATIONWIDE ULTRASATIN 2730	77.50	10.00	0.74	49.95	No
SHERWIN WILLIAMS PREP RITE PRIMER	3.00	0.00	0.35	1.05	No
SIERRA METAL MAX S39 BEYOND	0.06	0.00	0	0.00	No
THINNER BUTYL ACETATE	11.48	2.13	7.34	68.63	No
Total VOCs Emitted =				574.83 (lb/year)	

Do you use a booth in your coating operation? Yes ☒ No ☐

If yes, please provide the filter efficiency of your filters. 98.1% (for Binks 29-2186 filter)

1. Attach a summary of disposal records verifying vendor and dates/volumes disposed.
2. (Amount Used – Amount to Waste) X VOC Content = VOC emitted
3. Indicate whether each product contains chromates (compounds containing Cr⁶⁺). See MSDS. Include copy of MSDS for all products containing chromates.

Pacific Gas & Electric Company, Diablo Canyon Power Plant (DCPP)

**Emissions Inventory Information for
Permitted Diesel-Fired Portable Units**

The following table lists the operating hours and fuel consumption during 2008 for permitted diesel-fired portable emissions units located at DCPP. The units are operated under SLO APCD Permit-To-Operate (PTO) 1065-5.

Unit Identification	2008 Hours of Operation	2008 Diesel Fuel Added (in gallons)
Ingersol Rand XP375 Compressor	23.2	35.3
Butterworth Model 610DT Pressure Washer	0.6	0
MQ Power Model DCA-150SSVU Generator	2.8	88.9
Ingersol Rand Compressor-Yanmar 4IR18T	147.7	123.3
MQ Power Model DCA-45US12 Generator	0	0



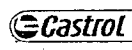
Silvas Oil Company, Inc.
Independent Petroleum Distributor



ExxonMobil



ConocoPhillips



CORPORATE OFFICE
2121 So. Third St.
P.O. Box 1048 • Fresno, CA 93714
(559) 233.5171 • www.silvasoil.com

PLEASE RETURN REMITTANCE TO
ADDRESS ABOVE

ACCOUNT NUMBER: 85560

DELIVERY INVOICE

NUMBER: 229157

DATE: 07-08-08

SOLD TO: PG&E DIABLO CANYON

SHIP TO: PG&E DIABLO CANYON

ATTN: ACCOUNTING DEPART
P.O. BOX 7760
SAN FRANCISCO, CA 94120-7760

DIABLO CANYON
9 MILES NWEST OF
AVILA BEACH, CA 93424

STATEMENTS ON THE REVERSE SIDE ARE MADE A PART HEREOF				PURCH. ORDER NUMBER 2500081192			
DELIVERED BY (SIGNATURE IN FULL)		RECEIVED IN GOOD ORDER		This invoice amount due on: 07-18-08			
X <i>Ull</i> 704		X <i>No One Avail.</i>		NET 10			
QUANTITY	DESCRIPTION	UNIT	PRICE	TAXES	PRICE	AMOUNT	
1000	GASOLINE - 3, UN1203, PG II UNLEADED 87 CARB 5.7% ETH FEDERAL GASOLINE EXCISE TAX CA GAS EXCISE FEDERAL LUST TAX		874	T T T	-0.36400 0.18300 0.18000 0.00100		
700	DIESEL FUEL - 3, NA1993, PG III CARB (CLEAR) ULS DIESEL #2 FEDERAL DIESEL EXCISE TAX CA DIESEL EXCISE TAX FEDERAL LUST TAX		0	T T T	-0.42400 0.24300 0.18000 0.00100		
FOR EMERGENCY RESPONSE CALL 1-866-907-6100 EXT 114							
<i>5555</i> <i>4681</i> <i>874</i>							
UNLEADED - REFORMULATED NON VOC CONTROLLED, NON OOPS, CERTIFIED UNDER SIMPLIFIED MODEL STANDARDS, 81P 7.8 MAX. OXYGEN WT. 21.5 TO 21.7 (14.9 VOL. MIBE MAX. BENZENE 1.3 MAX. DEWATERGENT-ADDITIZED ORONITE DGA 477 PL							
SALESMAN - 67		PLACARD		YES <input type="checkbox"/> NO <input type="checkbox"/>		SALES TAX	
DEMS DELIVERED		DEMS RETURNED		DEMS NET			
ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.							
FRESNO • HANFORD • KINGSBURG • OXNARD • PORTERVILLE • SAN LUIS OBISPO • SANTA MARIA 559.233.5171 • 559.582.0221 • 559.897.5117 • 805.486.4581 • 559.784.3017 • 805.782.9201 • 805.925.7676							

COPY 2

Feb. 2, 2009 3:34PM



DISTRIBUTOR OF PETROLEUM PRODUCTS

75 PRADO ROAD
POST OFFICE BOX 3059
SAN LUIS OBISPO, CA 93403-3059
(805) 643-0180
FAX (805) 643-8537
1-800-549-OILS (8457)

No. 0944—P. 2—
J. B. DEWAR, INC.
P.O. BOX 3059
SAN LUIS OBISPO, CA 93403-3059
Please write your account number on your check

SOLD TO: P G & E /DCPP

P.O. BOX 7760
SAN FRANCISCO, CA 94120-7760

DELIVERY TICKET NUMBER 177152
ACCOUNT NUMBER 71038 DATE 04-02-08
SHIP TO: P G & E /DCPP
DIABLO CANYON
AVILA BEACH, CA 93424-0036
(805) 545-3703

PURCHASE ORDER NUMBER 3500772318 SALESMAN VPPS / BRYAN NET 10 DAYS TERMS DUE DATE 04-12-08

DRIVER MARK DUMINGUEZ TRUCK NUMBER 312 ORDER DATE 04-01-08 DELIVERY DATE 04-02-08
FOR SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT
CALL PERS 1-800-633-8253

NO. OF PKGS	BULK OR PKG. SIZE	PRODUCT DELIVERED	ORDERED	DELIVERED	TAXES	PRICE	AMOUNT
1	55 GALS	DIESEL FUEL, 3, NA199.3, III ULS DIESEL #2 CLEAR 1/W-SLO	2000	1700	7	3.72741	
THE PRICE FOR THIS DIESEL FUEL DOES NOT INCLUDE FEDERAL MOTOR FUEL TAXES, UNLESS SHOWN AS A SEPARATE ITEM & DOES NOT CONTAIN VISIBLE EVIDENCE OF DYE. (EIN # 95-1876664) DIESEL FUEL TAX CA DIESEL EXCISE TAX CA OIL SPILL							0.24300 0.18000 0.00119
2	EACH	LABOR		2		85.00000	
DELIVER @ 11:00 P.M. ON 4-2-08 *** DELIVERY MESSAGE *** NO GAS IN TRUCK #04-2617 DIESEL ONLY KEEP BACK DIESEL TANK FULL WILL CALL ON WHEN TO FILL FRONT OLD GAS TANK TO DIESEL TRUCK #08-8180 WILL HAVE GAS & DIESEL PD 330135725 GOOD FOR OIL CHEV 031 TOTAL PD 330135725 202.360 PD 3500772318 FOR GAS/DIESEL 2008 CLOSED MUNDAYS FOR RECEIVING. PUT BOAT QUICK FUEL ON SEPARATE INVOICE							
FOR TRANSPORTATION EMERGENCY - SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT EMERGENCY CONTACT: 1-800-633-8253, REFER TO EMERGENCY RESPONSE GUIDE 128							

TANK	PREMIUM	UNLEADED	SUPER	DIESEL	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX
BEFORE						
AFTER						TOTAL

PAST DUE AFTER: If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

TOTAL

RECEIVED IN GOOD ORDER

DELIVERED BY (SIGNATURE IN FULL)

PLEASE PAY FROM THIS INVOICE.

MATERIAL SAFETY DATA SHEET



ECD ULTRA LOW SULFUR DIESEL
MSDS No. 0000000795 USA/ENGLISH

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ECD ULTRA LOW SULFUR DIESEL

MANUFACTURER/SUPPLIER:

BP Products North America
200 East Randolph Drive
Chicago, Illinois 60601 U.S.A.

EMERGENCY HEALTH INFORMATION:

1 (800) 447-8735

EMERGENCY SPILL INFORMATION:

1 (800) 424-9300 CHEMTREC (USA)

**OTHER PRODUCT SAFETY
INFORMATION:**

1 (866) 4 BP-MSDS (866-427-6737
Toll free – North America)
e-mail: bpcares@bp.com

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Range % by Wt.
Petroleum distillate		95-99
Xylene	1330-20-7	0.10-1.5
Trimethylbenzene	95-63-6	0.5-2.0
Nonane	111-84-2	0-1.1

(See Section 8.0, "Exposure Controls/Personal Protection", for exposure guidelines)

3.0 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Warning! Combustible. Harmful or fatal if liquid is aspirated into lungs. Causes skin irritation on prolonged or repeated contact.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: No significant health hazards identified.

SKIN CONTACT: Causes skin irritation on prolonged or repeated contact. See "Toxicological Information" section (Section 11.0).

INHALATION: No significant health hazards identified for the liquid fuel. See "Toxicological Information" section (Section 11.0).

INGESTION: Harmful or fatal if liquid is aspirated into lungs. Ingestion causes gastrointestinal irritation and diarrhea. See "Toxicological Information" section (Section 11.0).

HMIS CODE: (Health:0) (Flammability:2) (Reactivity:0)

NFPA CODE: (Health:0) (Flammability:2) (Instability:0)

4.0 FIRST AID MEASURES

EYE: Flush eyes with plenty of water.

SKIN: Wash exposed skin with soap and water. Remove contaminated clothing, including shoes, and thoroughly clean and dry before reuse.

INHALATION: If adverse effects occur, remove to uncontaminated area. Get medical attention.

INGESTION: If swallowed, do NOT induce vomiting. Get immediate medical attention.

5.0 FIRE FIGHTING MEASURES

FLASHPOINT: 125°F (Tag closed cup)

UEL: 7.5%

LEL: 0.6%

AUTOIGNITION TEMPERATURE: Not determined.

FLAMMABILITY CLASSIFICATION: Combustible Liquid.

EXTINGUISHING MEDIA: Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, foam, steam) or water fog. Water may be ineffective but should be used to cool fire exposed containers, structures and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid.

FIRE-FIGHTING EQUIPMENT: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

PRECAUTIONS: Keep away from sources of ignition (e.g., heat and open flames). Use with adequate ventilation.

HAZARDOUS COMBUSTION PRODUCTS: Combustion of this product in an area without adequate ventilation may result in hazardous levels of combustion products (e.g., carbon monoxide, carbon dioxide) and inadequate oxygen levels.

6.0 ACCIDENTAL RELEASE MEASURES

Remove or shut off all sources of ignition. Prevent spreading by diking, ditching, or absorbing on inert materials. Keep out of sewers and waterways.

7.0 HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Keep away from ignition sources (e.g., heat, sparks, or open flames). Ground and bond containers when transferring materials. Wash thoroughly after handling.

STORAGE: Store in combustible liquids storage area. Store away from heat, ignition sources, and open flame in accordance with applicable regulations.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE: None required; however, use of eye protection is good industrial practice.

SKIN: Avoid prolonged or repeated skin contact. Wear protective clothing and gloves if prolonged or repeated contact is likely.

INHALATION: Use with adequate ventilation. If ventilation is inadequate, use NIOSH certified respirator that will protect against organic vapor and dust/mist.

ENGINEERING CONTROLS: Control airborne concentrations below the exposure guidelines.

EXPOSURE GUIDELINES:

Component	CAS#	Exposure Limits
Petroleum distillate		No exposure limit established
Xylene	1330-20-7	OSHA PEL: 100 ppm (1989)(1971) OSHA STEL: 150 ppm (1989); Not established. (1971) ACGIH TLV-TWA: 100 ppm ACGIH TLV-STEEL: 150 ppm
Trimethylbenzene	95-63-6	OSHA PEL: 25 ppm (1989); Not established. (1971) ACGIH TLV-TWA: 25 ppm
Nonane	111-84-2	OSHA PEL: 200 ppm (1989); Not established. (1971) ACGIH TLV-TWA: 200 ppm

9.0 CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Liquid. Clear. Petroleum odor.

pH: Not determined.

VAPOR PRESSURE: Not determined.

VAPOR DENSITY: Not determined.

BOILING POINT: 340-675°F (approximate range)

MELTING POINT: Not determined.

SOLUBILITY IN WATER: Negligible, below 0.1%.

SPECIFIC GRAVITY (WATER=1): <1.0

VISCOSITY: 1.8-3.6cSt at 100°F

10.0 STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Keep away from ignition sources (e.g. heat, sparks, and open flames).

MATERIALS TO AVOID: Avoid chlorine, fluorine, and other strong oxidizers.

HAZARDOUS DECOMPOSITION: None identified.

HAZARDOUS POLYMERIZATION: Will not occur.

11.0 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA:

EYE IRRITATION: Testing not conducted. See Other Toxicity Data.

SKIN IRRITATION: Testing not conducted. See Other Toxicity Data.

DERMAL LD50: Testing not conducted. See Other Toxicity Data.

ORAL LD50: Testing not conducted. See Other Toxicity Data.

INHALATION LC50: Testing not conducted. See Other Toxicity Data.

OTHER TOXICITY DATA: Similar products have produced maximum eye irritation scores ranging from 0.33 to 1.0/110.0; 24 hours (rabbits). Similar products have produced primary skin irritation scores ranging from 0.67 to 3.83/8.0 (rabbits). Dermal LD50 for similar products was greater than 2g/kg; practically nontoxic for acute exposures by this route. For a similar product oral LD50 was greater than 5g/kg; practically non-toxic for acute exposures by this route.

Middle distillate: From skin-painting studies of petroleum distillates of similar composition and distillate range, it has been shown that these types of materials often possess weak carcinogenic activity in laboratory animals. In these tests, the material is painted on the shaved backs of mice twice a week for their lifetime. The material is not washed off between applications. Therefore, there may be a potential risk of skin cancer from prolonged or repeated skin contact with this product in the absence of good personal hygiene. This particular product has not been tested for carcinogenic activity, but we have chosen to be cautious in light of the findings with other distillate streams.

Occasional skin contact with this product is not expected to have serious effects, but good personal hygiene should be practiced and repeated skin contact avoided. This product can also be expected to produce skin irritation upon prolonged or repeated skin contact. Personal hygiene measures taken to prevent skin irritation are expected to be adequate to prevent risk of skin cancer.

Materials of this type have been shown to produce kidney damage in male rats following prolonged inhalation exposures. Following extensive research, this effect appears to be unique to the male rat and is considered to be of little or no relevance in terms of human health risk.

This product has a sufficiently low vapor pressure to prevent a hazardous buildup of vapors unless the product is heated, used in a confined space with inadequate ventilation or misted. Inhalation of mist or high concentrations of vapors can produce dizziness, headache, nausea, unconsciousness and death, and possibly cause irritation of the eye, nose and throat.

Ingestion of this material can cause gastrointestinal irritation and diarrhea. Aspiration of this product into the lungs can cause chemical pneumonia and can be fatal. Aspiration into the lungs can occur while vomiting after ingestion of this product. Do not siphon by mouth.

NIOSH has recommended that whole diesel exhaust be regarded as a potential occupational carcinogen, based on findings of carcinogenic responses in laboratory animals exposed to whole diesel exhaust. The excess cancer risk for workers exposed to diesel exhaust has not been calculated; however, exposure should be minimized to reduce potential risk.

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

12.0 ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this material by BP.

13.0 DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations. Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

The container for this product can present explosion or fire hazards, even when emptied! To avoid risk of injury, do not cut, puncture, or weld on or near this container. Since the emptied containers retain product residue, follow label warnings even after container is emptied.

14.0 TRANSPORTATION INFORMATION

U.S. DEPT OF TRANSPORTATION

Shipping Name Diesel Fuel
Hazard Class Combustible liquid.
Identification Number NA1993
Packing Group III

INTERNATIONAL INFORMATION:

Sea (IMO/IMDG)

Shipping Name Diesel Fuel
Class 3.3
Packing Group III
UN Number UN1202

Air (ICAO/IATA)

Shipping Name Diesel Fuel , UN1202
Class 3
Packing Group III

European Road/Rail (ADR/RID)

Shipping Name Not determined.

Canadian Transportation of Dangerous Goods

Shipping Name Fuel Oil
Hazard Class 3
UN Number UN1202
Packing Group III

15.0 REGULATORY INFORMATION

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4): This product is exempt from the CERCLA reporting requirements under 40 CFR

Part 302.4. However, if spilled into waters of the United States, it may be reportable under 33 CFR Part 153 if it produces a sheen.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370): This product is defined as hazardous by OSHA under 29 CFR Part 1910.1200(d). Hazardous categories for this product are: Acute = yes; Chronic = yes; Fire = yes; Pressure = no; Reactive = no.

SARA TITLE III SECTION 313 (40 CFR Part 372): This product contains the following substance(s), which is on the Toxic Chemicals List in 40 CFR Part 372:

Component/CAS Number	Weight Percent
Trimethylbenzene 95-63-6	2.0
Xylene 1330-20-7	1.5

U.S. INVENTORY (TSCA): Listed on inventory.

OSHA HAZARD COMMUNICATION STANDARD: Combustible liquid. Irritant.

WHMIS Controlled Product Classification: B3, D2A, D2B.

EC INVENTORY (EINECS/ELINCS): One or more components not listed on inventory.

JAPAN INVENTORY (MITI): One or more components not listed on inventory.

AUSTRALIA INVENTORY (AICS): One or more components not listed on the inventory.

KOREA INVENTORY (ECL): One of more components not listed on inventory.

CANADA INVENTORY (DSL): One or more of the components of this product is not listed on the DSL.

PHILIPPINE INVENTORY (PICCS): One or more components not listed on the inventory.

CHINA INVENTORY (IECS): Not determined.

16.0 OTHER INFORMATION

Prepared by:

Product Stewardship

Issued: February 11, 2002

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1.

NOTICE : This Material Safety Data Sheet is based upon data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product.